10/589794
IAP6 Rec'd PCT/PTO 17 AUG 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sven WOOP ET AL-1 (PCT)

PCT NO.: PCT/DE2005/000266

FILED: FEBRUARY 16, 2005

TITLE: DEVICE FOR THE PHOTOREALISTIC REPRESENTATION OF DYNAMIC, COMPLEX, THREE-DIMENSIONAL SCENES BY MEANS OF RAY TRACING

INFORMATION DISCLOSURE STATEMENT

MAIL STOP PCT
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants are enclosing Form PTO-1449 disclosing the references cited in the International Search Report, copy enclosed. Copies of the U.S. references are not enclosed herewith, pursuant to current U.S.P.T.O. guidelines. *US 6,597,359 B1, US 5,933,146, "Schmittler, J...SaarCOR..."* and *"Dept. of Computer Graphics..."A Simple and Practical Method..."* were all discussed in the Specification on page 4. *Foley J.D. et al: "Computer Graphics Principles and Practice", DE 43 31 715, DE 44 17 664, DE 197 53 040, DE 198 27 590* (equivalent of *U.S. Patent No. 6,301,541),* and *DE 197 37 449* were discussed in the Specification on page 12. Because the instant Information Disclosure Statement is being filed concurrently with the application, no official fee is required in connection with the same. It is respectfully requested that the foregoing Information Disclosure Statement be incorporated into the

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official file of the concurrently-filed PCT patent application.

Respectfully submitted,
Sven WOOP ET AL.

COLLARD & ROE, P.C.
1077 Northern Boulevard
Roslyn, New York 11576
(516) 365-9802
FJD:lgh

Allison C. Collard, Reg.No. 22,532
Edward R. Freedman, Reg.No. 26,048
Attorneys for Applicants

Enclosures: PTO Form-1449 and 5 references

Express Mail No. **EV 808 536 803 US**
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above, and is addressed to Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Tara Allen

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: WOOP ET AL-1 PCT	SERIAL NO. 10/589794
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT: Sven WOOP ET AL.	
(Use several sheets if necessary)		FILING DATE:	GROUP:

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/P.H./	AA	6,597,359 B1	07/2003	Lathrop (Spec)			
/P.H./	AB	6,302,541	10/2001	Grossmann =DE 198 27 590 (Spec)			
/P.H./	AC	5,933,146	08/1999	Wrigley (Spec)			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
/P.H./	AL	DE 43 31 715	03/1995	Germany (Spec) w/English Abstract				
/P.H./	AM	DE 44 17 664	12/1994	Germany (Spec) w/English Abstract				
/P.H./	AN	DE 197 53 040	05/1999	Germany (Spec) w/English Abstract				
/P.H./	AO	DE 198 27 590	12/1999	Germany (Spec) w/English Abstract=US 6,302,541				
/P.H./	AP	DE 197 37 449	02/1999	Germany (Spec) w/English Abstract				

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

/P.H./	AR		Schmittler J. et al: "A virtual memory architecture for real-time ray tracing hardware," Computers and Graphics, Pergamon Press Ltd., Oxford, GB, vol. 27, no. 5, October 2003 (2003-10), pages 693-699, XP004465051 ISSN: 0097-8493, page 693-page 695 (ISR)
/P.H./	AS		Schmittler J., Wald I, Slusallek P: "SaarCOR-A Hardware for Ray Tracing" Proceedings of Eurographics Graphics Hardware 2002, 1 September 2002 (2002-09-01), pages 27-36, XP002328209 Saarbrücken, Germany.(ISR and Spec) - to follow
/P.H./	AT		Wald I et al: "Distributed interactive ray tracing of dynamic scenes" Parallel and Large-Data Visualization and Graphics, 2003. PVG 2003. IEEE Symposium on Oct. 20-21, 2003, Piscataway, NJ, USA, IEEE, 20 October 2003 (2003-10-20), pages 77-85, XP010670788 ISBN: 0-7803-8122-X, page 78-page 80. (ISR)

/P.H./	AU		Rubin S. Witted T: "A 3-Dimensional Representation for Fast Rendering of Complex Scenes" Siggraph 1980 Conference Proceedings. Seventh Annual Conference on Computer Graphics and Interactive Techniques 14-18 July 1080 Seattle WA, USA, vol. 14, no. 3, 1980, pages 110-116, XP002328212, Computer Graphics USA ISSN: 0097-8930, page 110-page 112. (ISR)
/P.H./	AV		Foley J D et al: "Computer Graphics Principles and Practice: 16.12 Recursive Ray Tracing" Computer Graphics, Principles and Practice, Reading, Addison Wesley, US 1006, pages 7760792, XP002328211 page 786-page 787. (ISR and Spec) - to follow
/P.H./	AW		Foley J D et al: "Computer Graphics Principles and Practice" Computer Graphics. Principles and Practice, Reading, Addison Wesley, US 1996, pages 649-720, XP002082444 page 701-page 711 (ISR)
/P.H./	AX		Clark J H: "Hierarchical Geometric Models for Visible Surface Algorithms" Communications of the Association for Computing Machinery, Association for Computing Machinery. New York, US, vol. 19, no. 10, 1 October 1976 (1976-10-01), pages 547-554, XP00646877 ISSN: 0001-0782 page 551. (ISR)
/P.H./	AY		Department of Computer Graphics at the University of Saarland, "A Simple and Practical Method for Interactive Ray-Tracing of Dynamic Scenes" (Spec-to follow) (2002)

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EXAMINER	/Phi Hoang/	DATE CONSIDERED	10/06/2011

'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.